TO ARCHITECTS, BUILDERS, CONTRACTORS, &c.

HARTLEY'S PATENT ROUGH PLATE GLASS,

1-8th thick, or 2 lbs. to the foot; 3-16ths, or 3 lbs.; and 1-4th, or 4 lbs. to the foot, for

RIDGE AND FURROW ROOFS, GREENHOUSES, RAILWAY STATIONS, ENGINE SHEDS, MILLS, MARKET HALLS, AND PUBLIC BUILDINGS GENERALLY.

It being universally admitted that Glass in Roofs of a permanent character should not be less than one-eighth of an inch thick, weighing two pounds to the foot, Messrs. JAMES HARTLEY and CO. have directed their attention to the manufacture of a description of

ROUGH PLATE GLASS THAT COMBINES SIZE AND STRENGTH WITH ECONOMY OF COST.

The PATENT ROUGH PLATE is manufactured in sizes expressly for Ridge and Furrow Roofs, giving a space of from 8 to 12 feet, at a price not exceeding weight for weight that of common Crown Glass. Not being transparent, blinds are unnecessary, and when used in Greenhouses no shrubbing corrodes; the NON-TRANSPARENCY and strength render it eminently suitable for the Glazing of Conservatories and Roofs of all kinds; also Factories, Workshops, &c.; for which purposes it is supplied in squares of all sizes, from 8 by 6 inches and upwards.

For further information apply to Messrs. JAMES HARTLEY and CO., Wear Glass Works, Sunderland.

N.B.—The Patent Rough Plate is supplied at a much lower cost than the common Rough Plate.—May 1, 1861.

GLASS FOR CHURCHES, CHAPELS, SCHOOLS, &c.

HARTLEY'S PATENT QUARRY GLASS,

of three thicknesses, is long known as an economical substitute for lead lights. The attention of Architects, Builders, and others is particularly requested to this beautiful article; samples of which may be seen at

JOSEPH CHATER AND SON'S, ST. DUNSTAN'S-HILL, TOWER-STREET, LONDON.

CROGGON'S PATENT ASPHALTE ROOFING FELT

Has been extensively used and pronounced efficient, and particularly applicable for WARM CLIMATES.—It is a non-conductor. It is portable, being packed in rolls, and not liable to damage in carriage.—It effects a saving of half the timber usually required.—It can be easily applied by any unpractised person.—From its lightness, weighing only about 42 lbs. to the square of 100 feet, the cost of carriage is trifling. It is a most efficient preventive material for plants tenanted in Russia mats.

Under sheets or roofed it regulates the temperature of top rooms, churches, &c.

INODOROUS FELT, for Damp Walls, and for Damp Floors, under carpets and floor cloths.
PRICE ONE PENNY PER SQUARE FOOT.

FELT HAIR FELT, for Deadening Sound, and Covering Steam Boilers, Pipes, &c. preventing the Radiation of Heat, thereby saving TWENTY-FIVE PER CENT. OF FUEL. Samples, testimonials, and full instructions on application.

PATENT ASPHALTIC MINERAL PAINT,

FOR OUTSIDE WORK OF RICH BLACK AND BROWN COLOURS, READY FOR USE.

This Paint, from its adhesive and preservative properties, combined with its beauty, durability, and lowness of price, will be found of peculiar advantage for painting out buildings, iron work, boats, ships, &c.

Price 2s. per Gallon (including package) in quantities of 5, 10, and 20 Gallons.—In smaller quantities, 4d. per Gallon extra.

CROGGON'S PATENT FELTED SHEATHING,

FOR COVERING SHIPS' BOTTOMS, &c.

After many years' experience, has been proved to preserve the Timbers and Caulking of Vessels, and to prevent the Ravages of the Worm in any Climate. It is confidently submitted to SHIPOWNERS AND COMMANDERS.

As an article of use for which the Co. per will be prepared to answer.

It is made in Sheets, 32 inches by 20 inches, pressed. And in Long Lengths, to Order.

CROGGON AND CO. 2, DOWGATE-HILL, LONDON.

BUNNETT AND CO. ENGINEERS AND FOUNDERS,

26, LOMBARD-STREET, LONDON, AND DEPTFORD, KENT,

ORIGINAL PATENTEES OF REVOLVING IRON AND WOOD SHUTTERS
AND OF THE
NEW PATENT CURVILINEAR REVOLVING IRON SHUTTER,

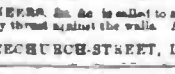
For which the PRIZE MEDAL of the GREAT EXHIBITION of 1851 was awarded.

BUNNETT and CO. are also the ORIGINAL PATENTEES and MANUFACTURERS of

DRAWN METAL SASH-BARS, FOR SHOP FRONTS, SKYLIGHTS, &c.

MOULDED BRASS STALL PLATES, INTERNAL AND EXTERNAL BRASS FITTINGS.
And Cast, Drawn, or Stamped Metal Work of every description.

BUNNETT and Co. invite comparison, and challenge competition, either in Style, Quality, or Price.

IRON ROOF  WORKS.
By Royal Letters Patent.

JOHN WALKER, SON OF THE PATENTEE, GENERAL CONTRACTOR,

Having extended his means for executing Orders, and Contracts for

CORRUGATED IRON BUILDINGS AND ROOFS,

Galvanized or otherwise, will be happy to wait, by appointment, on ARCHITECTS, ENGINEERS, &c. Merchants are invited to ascertain his Prices for shipping Orders. The Trade supplied with Corrugated Iron, Plain or Galvanized, or Iron Corrugated. References to Firms of the first class.

FIRE-PROOF FLOORING.

The earnest attention of ARCHITECTS, ENGINEERS, &c. &c. is called to a particularly economical mode of erecting Fire-proof Floors capable of sustaining great weight, without any thrust against the walls. Any information, with Estimates, Drawings, &c. may be obtained at the Offices,

65, GRACECHURCH-STREET, LONDON.

PLUMBIC ZINC.

MOREWOOD AND ROGERS'S PATENT PLUMBIC ZINC

POSSESSES THE DURABLE QUALITIES OF LEAD, and not requiring to be more than ONE-FOURTH AS HEAVY AS SHEET LEAD, is, with great ECONOMY and ADVANTAGE, substituted for that metal FOR ROOFING, RIDGES, GUTTERS, and all other purposes to which sheet lead is applicable.

THE EXPENSE OF THIS METAL IS LESS THAN ONE-HALF THAT OF LEAD.

For further particulars, apply to

MOREWOOD AND ROGERS, GALVANIZED TINNED IRON WAREHOUSE,

STEEL-YARD WHARF, 97, UPPER THAMES-STREET, LONDON.

IRON BUILDING and ROOFING WORKS,
BIRMINGHAM, late of Boulton and Watt.
JOHN H. FOSTER,

Manufacturer of the Corrugated and other kinds of Iron Roofing for railway stations, carriage sheds, farm buildings, gas-works, warehouses, factories, &c. &c.

PATENTEE
Of the Corrugated Iron Beams, Girders, and Fire-proof Floors.
LONDON—Office, 34, Cornhill.

THE PATENT GALVANIZED IRON.
TUPPER and CARR,
Owners of Crauford's Patents, and Successors to
THE GALVANIZED IRON COMPANY,

Supply rolled Galvanized Sheets, plain or corrugated, for roofing, &c. Water or Gas Pipes, Cisterns, Wire of all gauges, Guttering, Hanging, &c. Wholesale, retail, and for export.

An allowance to the trade.
WORKS—MILLWALL and BIRMINGHAM.
LONDON OFFICE, 3, MANSION-HOUSE PLACE.

THE PATENT (IMPROVED) GALVANISED IRON.

JOHN SYMONDS and CO. solicit the attention of merchants, builders, contractors, and others to the improvements they have made in working CRAUFURD'S PATENT, by which they are enabled not only to preserve the toughness and ductility of the iron, but to supply galvanized sheet-iron and wire of every description, superior in all respects to that produced by any other process.

Estimates given for iron roofs, corrugated sheds, houses, wire for telegraphic and submarine Cables, wire ropes, fencing, &c.

Engravings and shippers to the Gold Regions supplied with J. K. and Co.'s PATENT GALVANISED IRON GOLD WASHING MACHINES.

N.B. Circulars containing estimates for roofs fixed complete, lists of prices, and every other information, forwarded on application.

OFFICES—20, CLIFFORD, MIDDLESEX.
WORKS—GLASS-HOUSE-YARD, opposite the principal entrance to the London Docks.

REVOLVING SAFETY WOOD and IRON SHUTTERS—SHOXELL, Patentee, 33, Regent-street, and at his steam works, 139, Old-street. These shutters have fully borne out their superiority over other revolving shutters for security, durability, and simplicity. References can be given to gentlemen whose warehouses are fitted herewith, and numerous larger establishments where some are fixed measuring upwards of 400 square feet in one shutter, and which are opened and closed in a few moments with the greatest possible ease, without the use of machinery. The Patentee manufactures Brass Sash Bars, Shell Board Plates, &c.

CONVEX REVOLVING SHUTTERS,
IN IRON AND WOOD.

CLARK and CO., 31, Chancery-lane, and Tunnel Iron Works, Wapping, Engineers and Manufacturers of Revolving Iron and Wood Shutters, Brass and Zinc Sash Bars for Shop Fronts, Shell Board and Name Plates. Testimonials and prospectuses forwarded on application.—Clark and Co. defy competition.

Revolving Iron Shutters, under Lewis's Patent, 3s. 10d. per foot.

MESSRS. C. AND CO. DID NOT EXHIBIT AT THE GREAT EXHIBITION.

SHEET GLASS, 16 ounces to the foot, packed in boxes containing 100 feet, sizes from 11 by 9 to 26 by 16, at 14s. 6d. per box.

CROWN SQUARES, same sizes, 12s. 6d. per 100 feet. Boxes 2s. extra, but full price allowed when returned.

FOREIGN SHEET GLASS, of very superior quality, packed in cases of 200 feet, and in sizes varying from 20 by 20 to 44 by 30 inches, at 20s., 22s., to 42s. per case.

HARTLEY'S PATENT ROUGH PLATE GLASS, for Conservatories, Public Buildings, Manufactories, Skylights, &c. 4 inch thick. Packed in boxes of 50 feet each.

8 by 4 and 6 by 4 ..... 10s. 6d. | 7 by 5 and 7½ by 5½ ..... 12s. 6d.
8 by 6 and 8½ by 6½ ..... 12s. 6d. | 9 by 7 and 10 by 8 ..... 13s. 6d.

HARTLEY'S PATENT QUARRY GLASS, Glass Tiles, 1 of an inch thick, 6 lbs. per case of 24, cases included.

JAMES PHILLIPS and CO., 114, Bishopsgate-street without, London.

TO BUILDERS, PLUMBERS, &c.

JAMES MILES'S cheap ENGLISH and FOREIGN WINDOW-GLASS WAREHOUSE, 19, Church-street, Shoreditch, near the Eastern Counties Railway Terminus. Cases of foreign sheet, various sizes, the 200 feet; crates of sheet, 14 to 16 oz., 25s. per box; good crown C C, 18s. per crate; patent plate; Hartley's ROUGH PLATE, stained, ground, and ornamental glass; crown squares of every size in stock; sheet lead; 3-in. patent cast pipes; bedded and shuttered brass work of all kinds; white lead, oils, and colours, at low prices; LARGE STOCK of PAPER-HANGINGS, old lead bought in any quantity, or taken in exchange. Rubber glazed and primed in oil at very low prices to any quantity.

THOMAS MILLINGTON begs to inform BUILDERS and the Trade that he can supply them with FOREIGN and ENGLISH WINDOW GLASS, Plain and Coloured, of every description. ROUGH PLATE GLASS from ¼ inch to 1 inch thick. Glass Painting, Stained &c. &c. White Lead, Painters' Colours, Oils, Varnishes, Brushes, &c.; Milled and Sheet Lead, Lead Pipe from ¼ inch to 4 inches bore; Solder, Water-closets, Basins, Plumbers' and Brass Work of every description, and upon the very best terms. Glass Warehouse Shades, Milk pans, Propagating and Pine Glasses.—Address, 6C, Bush-square, Bush-street Without.

See Advertisement, Saturday, June 29, 1861.

E. and W. H. JACKSON beg to call the attention of Builders and the Trade to the LOW PRICES of their PATENT PLATE GLASS, BRITISH PLATE, silvered and bevelled and figuring, of unrivalled quality and finish; ROUGH PLATE, CROWN, SHEET, COLOURED, and ORNAMENTAL GLASS, in every variety, of the best manufactures, at the lowest terms. Designs and estimates furnished for ornamental windows either for house or church decoration. All applications for estimates and lists of prices to be made at their warehouse, 313, OXFORD-STREET.

CHEAP ORNAMENTAL GLASS.—I beg to inform my friends and the public that I have now completed a new ENGINE, and, owing to the facility with which I can execute orders, I am enabled to reduce my former prices considerably. The prices are now from ONE SHILLING PER FOOT SUP. and flowers from SIXPENCE PER FOOT SUP. A large quantity of the choicest patterns always in stock. Jobbing and painted work on the most moderate terms.—CHARLES LOSH, No. 1, King-street, Baker-street, Portman-square.—Trade only.

BELGIAN SHEET-GLASS.—ALFRED GOSLETT begs to inform the Trade that he is prepared to supply the above Glass, of good quality, and 16 ounces to the foot, upon the following cash terms:—In single cases, containing 200 feet (more included), 6½.; parcels of five cases, at 6½.; parcels of ten cases, at 10s. per case; or cut to any given size, at 3d. per foot.

SOHO CROWN, SHEET, ORNAMENTAL, and PLATE-GLASS WAREHOUSE, 28, SOHO-SQUARE.

BELGIAN SHEET-GLASS.—W. HICKSON, 28, Soho Square, begs to inform Builders, &c. he is supplying the above in cases of 200 feet, good quality, 16 oz. to the foot, 42s. Larger sizes from 20 by 20 to 48 by 36. Squares cut from 3d. to 5d. per foot superficial; ground, in cases, 8½d.; shaded, &c. Stained, &c. equally low.—Terms, cash.

PATENT and BRITISH PLATE GLASS.—JAMES HETLEY and Co. beg to inform Architects, Builders, and the Trade generally, that their new Tariff of Prices for the above will be sent on application; they will also, on receipt of particulars, furnish estimates for any description of Glass now manufactured.—Patent Plate, Sheet, Crown, and Ornamental Window Glass Warehouse, 35, Bedford-square, London.

FIRE-PROOF CONSTRUCTION.—FOX and BARRETT'S PATENT.—The great importance of fire-proof construction is shown by the recently published returns of fires in London during the past year, by which it appears that there is a considerable increase as compared with former years, the number actually exceeding 1,000, or an average of three per day.

The result of the severe instrumentation of a fixed standard specimen, proves THAT NO BUILDING IN WHICH TIMBER JOISTS ARE USED IS PRACTICALLY SECURE FROM THE DANGER OF FIRE; and when to this fact it is added that timber is also liable to dry-rot and the ravages of insects and vermin, for which it affords a ready harbourer, the material arising from the experiment will be sufficiently apparent.

It becomes, then, worth the attention of those who are interested in building, to inquire whether materials of an incombustible nature cannot be substituted for timber in the construction of floors, &c., without involving additional cost; and attention is invited to a number of buildings of all classes, either finished or in course of erection, upon the above improved system, in which joists, either of rolled or cast-iron, are substituted for timber, together with a solid superstructure of concrete, adapted to receive a finished surface of floor or roof of any kind.

Among the buildings at present in progress in London on this system is the new GUY'S HOSPITAL, an extensive range, providing accommodation for 600 additional beds; and for buildings of this description and magnitude, as well as for PRIVATE DWELLING-HOUSES, OFFICES, WAREHOUSES, &c. it possesses very great advantages.

A detailed description of the system, estimates, and all further information, may be obtained on application to the Proprietors of the patent,

Mr. BARRETT (late Fox and Barrett),
13, York-buildings, Adelphi,

where offices form part of a building erected on this principle, and where specimens of the rolled iron joists may be seen.

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